What Is Claimed Is:

1. An interface for image data transmission comprising at least two data lines and having one clock pulse line for transmitting a control pulse,
wherein pixel data (R, G, B) and control data (H, V, D) are transmittable through the data lines (11, 12, 13) for the purpose of producing an image from the pixel data; and at least one item of control data (H, V, or D) is transmittable on each data line (11, 12, 13) such that it is possible to check the correctness of the image data transmission by reference to the control datum transmission.

2. The interface as recited in Claim 1,
wherein a definable number of image data and one item of control data form a data packet; and the data packets are transmittable in accordance with the control pulse.

3. The interface as recited in Claim 2,
wherein a data packet is selected in such a way that the data packet (30) describes one pixel of an image that is to be displayed, preferably by specifying a color value for red, green, and blue.

4. The interface as recited in one of Claims 2 through 3,
wherein a data packet includes six bits of image data and one bit of control data.

5. The interface as recited in one of the preceding claims,
wherein the control data is at least one vertical and one horizontal image synchronization signal (H, V).

6. The interface as recited in one of the preceding claims,
wherein a counter (16) is provided for counting the clock pulses since the last change in one item of control data;

a comparison unit (17) is provided for comparing the counter value with a stored value; and an error condition is determined if the counter value exceeds the stored value by a defined degree.

7. The interface as recited in one of the preceding claims, wherein a direct voltage is applied to the data lines (11, 12, 13); and the data is transmittable in that a signal voltage whose value is lower than the value of the direct voltage is applied to the direct voltage.

8. Use of an interface as recited in one of the preceding claims for image data transmission in a motor vehicle between a driver information device and a display unit.

9. A method for image data transmission comprising at least two data lines and comprising one clock pulse line for transmitting a control pulse, pixel data and control data being transmitted for producing an image from the pixel data, wherein an item of control data is transmitted on each data line, and the correctness of the transmission is checked for each data line by reference to the control datum transmission.

10. The method as recited in Claim 9,
wherein a faulty transmission is determined if no item of control data is transmitted or the item of control data remains constant for a period of time that is longer than a defined period of time.

11. The method as recited in one of Claims 9 through 10, wherein, in the event of a detected transmission error, data transmission is switched to a backup line.